```
Declare char1, char2, char3: Char
   Declare count : Integer
   str1 = ""
   str2 = ""
   fstr = ""
   char1 = ""
   char2 = ""
   char3 <- "*"
   count <- 0
   Input "enter string to process: ", str1
   str1 <- LCase(str1)
   char1 <- Left(str1, 1)</pre>
   str2 <- Right(str1, Len(str1) - 1)
   For count <- 1 To Len(str2)
      char2 <- Mid(str2, count, 1)</pre>
      If char2 = char1 Then
        fstr <- fstr + char3
      Else
        fstr <- fstr + char2
      End If
   Next
Output "processed string is: ",char1+ fstr
```

Declare str1, str2, fstr : String